PPP2R5E Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPP2R5E, Polyclonal Antibody
Full Product Name	PPP2R5E
Product Gene Name	anti-PPP2R5E antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
OMIM	601647
3D Structure	ModBase 3D Structure for Q16537
Immunogen	A peptide corresponding to the C terminal residues of human PPP2R5E protein.
Cellular Localization	Cytoplasm
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PPP2R5E antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-PPP2R5E antibody	ELISA: 1:20,000-80,000 IHC: 1:100-500
Related Product Information for anti-PPP2R5E antibody	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform
Product References and Citations for anti-PPP2R5E antibody	Wade R, Di Bernardo MC, Richards S, et al. Association between single nucleotide polymorphism-genotype and outcome of patients with chronic lymphocytic leukemia in a randomized chemotherapy trial. Haematologica. 96 (10):1496-1503 (2011)
Other Notes	Small volumes of anti-PPP2R5E antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PPP2R5E purchase	MBS8560262 is an antibody targeting PPP2R5E. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP2R5E. It may not necessarily be applicable to this product.

NCBI GI #	5453956
NCBI GeneID	5529
NCBI Accession #	NP_006237
UniProt Primary Accession #	Q16537

UniProt Related Accession #	Q16537
GenBank Nucleotide #	NP_006237.1
NCBI Official Full Name	serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform isoform a
NCBI Official Synonym Full Names	protein phosphatase 2 regulatory subunit B'epsilon
NCBI Official Symbol	PPP2R5E
NCBI Official Synonym Symbols	B56E; B56epsilon
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform
UniProt Synonym Protein Names	PP2A B subunit isoform B'-epsilon; PP2A B subunit isoform B56-epsilon; PP2A B subunit isoform PR61-epsilon; PP2A B subunit isoform R5-epsilon
Protein Family	Serine/threonine-protein phosphatase
UniProt Gene Name	PPP2R5E
UniProt Entry Name	2A5E_HUMAN
NCBI Protein Information	serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform
NCBI Summary for PPP2R5E	The protein encoded by this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an epsilon isoform of the regulatory subunit B56 subfamily. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]
Research Articles on PPP2R5E	**1.** results suggest that the PPP2R5E phosphatase may contribute to microtubule organization by stabilizing MTCL1.
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